

Serial No. 10/609,400
Amdt. dated April 11, 2007
Reply to Office Action of January 5, 2007

Docket No. K-0533

AMENDMENTS TO THE CLAIMS

Listing of Claims

1. (Currently Amended) A mask for deposition of material on a flat display, the mask comprising:
 - a first substrate having a plurality of first via holes formed therein; and
 - a second substrate positioned on the first substrate, the second substrate having a plurality of second via holes formed therein, wherein the first via holes and the second via holes are arranged so as to overlap with each other, and wherein each second via hole has a width greater than a width of a corresponding first via hole, wherein the plurality of first via holes define deposition areas on the flat display on which source material is to be deposited; and
 - a bridge positioned on a surface of the first substrate between adjacent first via holes, wherein the bridge extends between inner circumferential edges of a second via hole corresponding to the adjacent first via holes.
2. (Previously Presented) The mask as claimed in claim 1, wherein a thickness of the second substrate is greater than a thickness of the first substrate.

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3. (Previously Presented) The mask as claimed in claim 2, wherein the first substrate is between approximately 1 and 100 μ m thick, and the second substrate is between approximately 5 and 1000 μ m thick.

4. (Previously Presented) The mask as claimed in claim 1, wherein each first via hole and corresponding second via hole have a difference in width of between approximately 1 and 1000 μ m.

5. (Previously Presented) The mask as claimed in claim 1, wherein the plurality of first via holes are arranged in columns along the first substrate, and the plurality of second via holes are arranged on the second substrate such that each column of first via holes is aligned with one corresponding second via hole.

6. (Previously Presented) The mask as claimed in claim 5, wherein the first and second via holes have a form selected from a circle, a polygon, and stripe.

7. (Cancelled)

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8. (Currently Amended) The mask as claimed in claim 71, wherein a thickness of the bridge is substantially the same as a thickness of the second substrate.

9. (Cancelled)

10. (Currently Amended) A mask for deposition of material on a flat display, the mask comprising:

a first substrate having a plurality of first via holes formed therein;

a second substrate positioned on the first substrate, the second substrate having a plurality of second via holes formed therein; ~~and~~

a third substrate provided on the second substrate, the third substrate having a plurality of third via holes formed therein, wherein the first, second, and third via holes are arranged so as to overlap with one another, wherein a width of each second via hole is greater than a width of a corresponding first via hole, and wherein a width of each third via hole is greater than a width of a corresponding second via hole, wherein the plurality of first via holes define deposition areas on the flat display on which source material is deposited; ~~and~~

a bridge positioned on a surface of the first substrate between adjacent first via holes, wherein the bridge extends between inner circumferential edges of a second via hole corresponding to the adjacent first via holes.

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11. (Previously Presented) The mask as claimed in claim 10, wherein a thickness the second substrate is greater than a thickness of the first substrate or a thickness of third substrate.

12. (Previously Presented) The mask as claimed in claim 11, wherein the first substrate or the third substrate is approximately 1 - 100 μ m thick, and the second substrate is approximately 5 - 1000 μ m thick.

13. (Previously Presented) The mask as claimed in claim 10, wherein each first via hole and corresponding second via hole, or each second via hole and corresponding third via hole, have a difference in width of approximately 1 - 1000 μ m.

14. (Previously Presented) The mask as claimed in claim 10, wherein the plurality of the first via holes are arranged in columns along the first substrate, and the plurality of second via holes or the plurality of third via holes are arranged on the second and third substrate, respectively, such that each column of first via holes is aligned with one corresponding second via hole or one corresponding third via hole.

15. (Previously Presented) The mask as claimed in claim 14, wherein the first, second, and third via holes have forms selected from a circle, a polygon, and stripe.

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16. (Cancelled)

17. (Currently Amended) The mask as claimed in claim 1610, wherein a thickness of the bridge is substantially the same as a thickness of the second substrate.

18. (Cancelled)

19. (Previously Presented) The mask as claimed in claim 11, wherein the thickness of the second substrate is greater than the thickness of the second substrate, and also greater than the thickness of the third substrate.

20. (Previously Presented) The mask as claimed in claim 12, wherein the first and third substrates are each approximately 1-100 μm thick.

21. (Previously Presented) The mask as claimed in claim 13, wherein each first via hole and corresponding second via hole have a difference in width of approximately 1-1000 μm , and each second via hole and corresponding third via hole have a difference in width of approximately 1 - 1000 μm .

22. (Currently Amended) The mask as claimed in claim 14, wherein the plurality of second via holes are arranged on the second substrate such that each column of first via holes is aligned with one corresponding second vial-via hole, and the plurality of third via holes are arranged on the third substrate such that each of the plurality of second via holes are aligned with a corresponding third via hole.

23. (New) The mask as claimed in claim 1, wherein the plurality of first via holes and the plurality of second via holes each have a rectangular shape.

24. (New) The mask as claimed in claim 1, wherein the plurality of second via holes are arranged in parallel to one another.

25. (New) The mask as claimed in claim 1, wherein the plurality of first via holes are arranged along one second via hole.